## INSTRUCTIONS – DEP FORM 62-624.600(2) ANNUAL REPORT FORM FOR INDIVIDUAL NPDES PERMITS FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS

#### **Who Must Submit This Annual Report Form?**

 Operators of municipal separate storm sewer systems (MS4s) that are covered by an individual NPDES stormwater permit pursuant to Rule 62-624, F.A.C. must submit this form. Each permitted operator must individually complete and submit this form, even if the operator is covered under a permit with multiple copermittees or has established an interlocal agreement with one or more co-permittees.

#### When to Submit This Annual Report Form?

This form must be fully completed and submitted for each year of coverage under the NPDES stormwater permit
term. The Year 1 Annual Report must cover the twelve-month period beginning on the effective date of the
permit and is due six months after the first anniversary of the date of permit issuance. All subsequent annual
reports are due six months after the anniversary of the effective date of the permit.

#### Where To Submit This Annual Report Form?

• This form and any REQUIRED attachments must be sent by mail to the address below. The form and attachments may be submitted electronically (on a disk or CD) if a signed paper copy of Section VI of this form (Certification Statement and Signature) is also submitted. Do not submit any materials not specifically required to be submitted as per Section V of this form.

Florida Department of Environmental Protection NPDES Stormwater Section Mail Station 2500 2600 Blair Stone Road Tallahassee, Florida 32399-2400

#### Section I: BACKGROUND INFORMATION

- Row A Provide the name of the governmental entity submitting this form. For example, "City of Lauderhill."
- Row B Provide the name of the permit as it appears on the first page of your permit. For example, "Broward County MS4." The permit name will not necessarily be the same name provided in Row A if the permit covers multiple co-permittees. If the name of the permit is the same name provided in Row A, repeat the name in Row B do not leave the row blank.
- Row C Provide the last two digits of your permit number as it appears on the first page of your permit.
- Row D Indicate which permit year the annual report covers. If the permit year is beyond Year 5, check the
  last box and provide the appropriate permit year number.
- Row E Indicate the twelve-month period the annual report covers. Provide the month and year for the beginning of the period and the month and year for the end of the period. For example, "March/2003 through February/2004." Do not provide the day.
- Row F Provide contact information for your Responsible Authority. The definition of a Responsible Authority
  can be found at Rule 62-620.305, F.A.C.
- Row G Provide contact information for the Designated Stormwater Management Program Contact if it isn't the same person as the Responsible Authority identified in Row F, otherwise leave this section blank. The Stormwater Management Program Contact is the technical person that oversees the stormwater program and is the primary contact for when the Department has questions about the annual report, is scheduling an annual inspection, or needs to discuss miscellaneous issues concerning implementation of the permit.

#### Section II: MS4 MAJOR OUTFALL INVENTORY

- This section is required to be completed in all permit years EXCEPT Year 1. In Year 1, you are required to provide an inventory and a map of all known major outfalls, in accordance with Rule 62-624.600(2)(a), F.A.C. In all subsequent permit years, you need to only provide any updates to the inventory by completing this section.
- The definition of a "major" outfall can be found at Rule 62-624.200(5), F.A.C.

- Row A This row contains two separate questions. First, provide the number of outfalls ADDED to the outfall inventory in the current reporting year. If no outfalls were added, insert a "0" do not leave it blank. Second, indicate whether the number of outfalls added includes any "non-major" outfalls by checking one of the following:
  - "Yes" if the number includes non-major outfalls
  - > "No" if the number does not include non-major outfalls, or
  - "Not Applicable" if no new outfalls were added to the inventory.
- Row B Provide the number of outfalls REMOVED from the outfall inventory in the current reporting year. If no outfalls were removed, insert "0" do not leave it blank. Then indicate whether the number of outfalls removed includes any "non-major" outfalls by checking one of the following:
  - Yes" if the number includes non-major outfalls
  - > "No" if the number does not include non-major outfalls, or
  - "Not Applicable" if no outfalls were removed from the inventory.
- Row C Indicate whether the change in the total number of outfalls in the inventory is due to land being either
  annexed or vacated during the reporting year by checking one of the following:
  - "Yes" if the change is due to lands annexed, lands vacated, or lands both annexed and vacated.
  - > "No" if the change is not due to lands annexed or vacated, or
  - "Not Applicable" if no outfalls were reported in Rows A or B as added or removed from the outfall inventory.

#### Section III: MONITORING PROGRAM

- This is the ONLY section of this form that you may reference another permittee's annual report to satisfy your reporting requirements, but only if that permittee is fully reporting on the monitoring program as required by this form. In you choose to reference another permittee's annual report, you must include the name of the permittee in Row A do not leave this section blank.
- Row A Provide a brief summary of the status of monitoring plan implementation, including any problems
  encountered; or, if applicable, include the name of the permittee whose annual report you are referencing for the
  necessary monitoring information.
- Row B Provide a brief summary of the monitoring results to date, including any trend analyses.
- Row C Attach to the form a summary of the monitoring data as required under Rule 62-624.600(2)(c), F.A.C.
   Do not provide the monitoring raw data.

#### **Section IV: FISCAL ANALYSIS**

- Row A Provide a single figure that most accurately represents the total expenditures for the NPDES stormwater management program (SWMP) for the current reporting year. Be sure to include the costs of all departments involved (SWMP-related activities only) and of any contracts or interlocal agreements.
- Row B Provide a single figure that most accurately represents the total budget for the NPDES stormwater
  management program for the subsequent reporting year. Be sure to include the budgets of all the departments
  involved (SWMP-related activities only) and of any contracts or interlocal agreements.

#### Section V: MATERIALS TO BE SUBMITTED WITH THIS ANNUAL REPORT FORM

- Use the checklist in this section to determine what is required to be attached to this form. Do not submit any
  materials not required, such as records or logs of SWMP activities, monitoring raw data, public outreach
  materials, or pesticide and herbicide applicator certifications.
- For each item listed in the checklist, indicate whether it is "Attached" or "N/A" (Not Applicable). Do not leave any
  item unchecked.
- For the first item listed, carefully read Part III.A of your permit. In this section of your permit, certain annual reporting requirements are specified. The requirements include submitting certain quantifiable data (which are to be included in Section VII of this form) and may also include submitting non-quantifiable information, such as a copy of any stormwater-related updates to your local codes/ordinances.
- For the second item listed, indicate whether you attached the monitoring data summary requested in Section III.C
  of the form. If you referenced a co-permittee's annual report for the monitoring information required in Section III,
  check the "N/A" box.



## ANNUAL REPORT FORM FOR INDIVIDUAL NPDES PERMITS FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (RULE 62-624.600(2), F.A.C.)

- This Annual Report Form must be completed and submitted to the Department to satisfy the annual reporting requirements established in Rule 62-621.600, F.A.C.
- Submit this fully completed and signed form and any REQUIRED attachments by mail to the address in the box at right.
- Refer to the Form Instructions for guidance on completing each section.
- · Please print or type information in the appropriate areas below.

#### Submit the form and attachments to:

Florida Department of Environmental Protection Mail Station 2500 2600 Blair Stone Road Tallahassee, Florida 32399-2400

SECT	ION I. BACKGROUND INFORMATION					
A.	Permittee Name: City of Miami Beach					
B.	Permit Name: Miami-Dade County Municipal Separate Storm Sewer System					
C.	Permit Number: FLS000003-004 (Cycle 4)					
D.	Annual Report Year: ☐ Year 1 ☐ Year 2	☐ Year 3 ☐	Year 4	Year 5  Other, specify Year:		
E.	Reporting Time Period (month/year): Decem	ber /2018 through	h December /	2019		
	Name of the Responsible Authority: Roy Cole	<b>Э</b> у				
	Title: Public Works Department Director					
_	Mailing Address: 1700 Convention Center Dr	ive, 4th Floor				
F.	City: Miami Beach	Zip Code: 33139	9	County: Miami-Dade County		
	Telephone Number: 305-673-7080		: 305-673-7028			
	E-mail Address: roycoley@miamibeachfl.gov					
	Name of the Designated Stormwater Management Program Contact (if different from Section I.F above): Elizabeth Wheaton					
	Title: Environment and Sustainability Director					
	Department: Environment and Sustainability Department					
G.	Mailing Address: 1700 Convention Center Dr	ive, 3 <sup>rd</sup> Floor				
	City: Miami Beach	Zip Code: 33139	9	County: Miami-Dade County		
	Telephone Number: 305-673-7084 X6121		Fax Number	786-394-4595		
	E-mail Address: elizabethwheaton@miamibe	achfl.gov				

SECT	TION II. MS4 MAJOR OUTFALL INVENTORY (Not Applicable In Year 1)
A.	Number of outfalls ADDED to the outfall inventory in the current reporting year (insert "0" if none): 14 (Does this number include non-major outfalls? ☐ Yes ☐ Not Applicable)
В.	Number of outfalls REMOVED from the outfall inventory in the current reporting year (insert "0" if none):0 (Does this number include non-major outfalls? ☐ Yes ☐ No ☒ Not Applicable)
C.	Is the change in the total number of outfalls due to lands annexed or vacated?   Yes   No   Not Applicable

SECT	ION III. MONITORING PROGRAM
A.	Provide a brief statement as to the status of monitoring plan implementation:  The monitoring plan is carried out through an inter-local agreement with Miami-Dade County. The City of Miami Beach has launched its own monitoring plan to supplement the plan carried out through the inter-local agreement with Miami-Dade County. Please see the Miami-Dade County Annual Report and the City of Miami Beach Annual Report for the monitoring information.
В.	Provide a brief discussion of the monitoring results to date:  Please see the Miami-Dade County Annual Report and the City of Miami Beach Annual Report for the monitoring information.
C.	Attach a monitoring data summary, as required by the permit.

SECT	ION IV. FISCAL ANALYSIS
A.	Total expenditures for the NPDES stormwater management program for the current reporting year: NPDES management is incorporated in the Stormwater Utility Budget. The total expenditure was \$ 29,390,000.00 <u>DEP Note:</u> If program resources have decreased from the previous year, attach a discussion of the impacts on the implementation of the SWMP as per Part II.F of the permit.
В.	Total budget for the NPDES stormwater management program for the subsequent reporting year: <b>The Stormwater Operating Budget for the subsequent reporting year is</b> \$ 31,998,000.00

SECTION V.	MATERIALS T	O BE SUBMITTED WITH THIS ANNUAL REPORT FORM						
	Only the following materials are to be submitted to the Department along with this fully completed and signed Annual Report Form (check the appropriate box to indicate whether the item is attached or is not applicable):							
<u>Attached</u>	N/A	*** <u>DEP Note:</u> Please complete Checklists A & B at the end of the tailored form.***						
		Any additional information required to be submitted in this current annual reporting year in accordance with Part III.A of your permit that is not otherwise included in Section VII below.						
		A monitoring data summary as directed in Section III.C above and in accordance with Rule 62-624.600(2)(c), F.A.C.						
	$\boxtimes$	Year 1 ONLY: An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM) in accordance with Rule 62-624.600(2)(a), F.A.C.						
	$\boxtimes$	Year 3 ONLY: The estimates of pollutant loadings and event mean concentrations for each major outfall or each major watershed in accordance with Rule 62-624.600(2)(b), F.A.C.						
		Year 4 ONLY: Permit re-application information in accordance with Rule 62-624.420(2), F.A.C.						
	(such as record	DO NOT SUBMIT ANY OTHER MATERIALS s and logs of activities, monitoring raw data, public outreach materials, etc.)						

	(Such as records and logs of activities, monitoring raw data, public outreach materials, etc.)	
SECTION V	VI. CERTIFICATION STATEMENT AND SIGNATURE	
SECTION	VI. CERTIFICATION STATEMENT AND SIGNATURE	
•	onsible Authority listed in Section I.F above must sign the following certification statement, as per Rule 62-620. F.A.C:	305,
accordance Based upon information,	nder penalty of law that this document and all attachments were prepared under my direction or supervision in the with a system designed to assure that qualified personnel properly gathered and evaluated the information soon my inquiry of the person or persons who manage the system, or those persons directly responsible for gather, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am applications to apply the personnel for land the personnel for the personnel f	ering the re that
	Responsible Authority (type or print): Roy Coley	<del></del>
Title:	Public Works Department Director	
Signature:	Poy (oly Date: 7/29/2020   12:	58 PM EDT

SECTION	VII. STORMWATER MANAGEMENT PROGR	RAM (SWMP)	) SUMMARY	TABLE					
A.	B.				С		D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quanti	fiable SWMP	Activity		Numb Activ Perfor	ities	Documentation / Record	Entity Performing the Activity	Comments
Part III.A.1	Structural Controls and Stormwater Collect		-		·	·			
		ral controls and roadway stormwater collection structures operated by the permittee, including, at a minimum, all of the ne permit. Report the current known inventory.						m, all of the types	
	<u>DEP Note</u> : The permittee needs to "customize" this section by adding any structural controls to the list below that are part of the permittee's MS4 currently or are planned for the future. The permittee may remove any structural controls listed that it does not have currently or will likely not have during this permit cycle. Please see the attached description of each type of structure. In addition, the permittee may choose its own unit of measurement for each structural control to be consistent with the unit of measurement in the documentation. Unit options include: miles, linear feet, acres, etc.  Provide an inventory of all known major outfalls covered by the permit and a map depicting the location of the major outfalls (hard copy or CD-ROM). Provide the outfall							cycle. Please see consistent with	
	inventory and map with the Year 1 Annual Report.  Report the number of inspection and maintenance activities conducted for each type of structure included in Table II.A.1.a, and the percentage of the total inventory of ea type of structure inspected and maintained. If the minimum inspection frequencies set forth in Table II.A.1.a were not met, provide as an attachment an explanation of who they were not and a description of the actions that will be taken to ensure that they will be met.  DEP Note: If the minimum inspection frequencies set forth in Table II.A.1.a of the permit were not met for one or more type of structure, the permittee must provide as an attachment an explanation of why they were not and a description of the actions that will be taken to ensure that they will be met. Please provide the title of the attached explanation in Column D and the name of the entity who finalized the explanation in Column E.								xplanation of why
	Type of Structure		Number o	of Activities	Performed		Documentation / Record	Entity Performing the Activity	Comments
		Total Number of Structures	Number of Inspections	Percentage Inspected	Number of Maintenance Activities	Percentage Maintained			
	Exfiltration trench / French drains (linear feet)	27,878.4		See co	omments.		GIS Sequel Server Select Queries	Public Works – Stormwater Operations	Inspections for exfiltration trenches were combined with MS4 pipes during this reporting year.
	Pollution control boxes	189						·	Pollution control boxes were group together with inlets/catch

A.	B.				C		D.	E.	F.
Permit itation/ SWMP lement	Permit Requirement/Quanti	fiable SWMF	Activity		Numb Activ Perfor	ities	Documentation / Record	Entity Performing the Activity	Comments
			Monthly/		Minimum	<u>'</u>			basins during cleaning activities. See Attachme
	Stormwater pump stations	47	Weekly	100%	Quarterly	100%			1.
	Major stormwater outfalls	35	45	129%	45	129%		Public Works – Stormwater	All 35 outfall were cleaned once, and stormwater crews begar second pass cleaning them again during the reporting period.14 additional outfall were construct during the reporting year but were not operation
	Weirs or other control structures	8		See co	mments.			Operations	Weirs and ot control structurare cleaned with the rest of the system, but the clean dates and current recorded individually
	MS4 pipes / culverts (miles)	102.18	165	161%	165	161%			Increase in M pipe due to as builts being entered into the GIS database.
	Inlets / catch basins / grates	4,852	9,217	190%	9,217	190%			Activities exceeded la year's 184% cleaning.

SECTION	VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE								
Α.	B.	C.	D.	E.	F.				
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments				
	Year 1 ONLY: Attach a map of all known major outfalls								
Part III.A.2	Areas of New Development and Significant Redevelopment								
	Report the number of new development and significant redevelopment projects review	ed by the permittee for	or post-development sto	rmwater consideration	ns.				
	<u>DEP Note:</u> Please provide an explanation in Column F for any "0" reported in Column	umn C.							
	Number of new development / significant redevelopment projects reviewed	531	Completed Review Time Report by Plan Reviewer – Public Works	Building Department / Public Works Department	Total number was estimated from building permits reviewed for new construction and alteration and remodeling/repairs > or = to \$400,000 reviewed during the reporting year.				
	Provide in the Year 2 Annual Report the summary report of the review of local codes a implementation of modifying codes to allow low impact design BMPs. <u>DEP Note:</u> Refer to Part III.A.2 of the permit for details regarding what the review Please provide the title of the attached report in Column D and the name of the en	entails, and what mu	st be included in the sun		·				
	Year 2 ONLY: Attach the summary report of the review activity								
Part	Year 4 ONLY: Attach the follow-up report on plan implementation								
III.A.3	Roadways								
1	Annually review (and revise, as needed) and implement the permittee's written proced rights-of-way, employed within the permittee's jurisdictional area and properly dispose basis. Report on the litter control program, including the frequency of litter collection, a the activities, and an estimate of the quantity of litter collected.  DEP Note: Please provide an explanation in Column F for any "0" reported in Column reporting items. Unit options for the amount of litter include: bags, cubic yards, posquare feet, linear feet, yards, miles, acres. If all litter collection is performed by stitems.	of collected material. an estimate of the total umn C. In addition, the bunds, tons. Unit optic	Implement the program all number of road miles of the permittee may choose ons for the amount of are	on a monthly, or on cleaned or amount o e its own units of mea ea covered by the ac	an as needed, f area covered by asurement for the tivity include:				
	PERMITTEE Litter Control Program: Frequency of litter collection PERMITTEE Litter Control Program: Estimated amount of area maintained (miles/day)	Daily 176	Sanitation Division Standard Operating Procedures	Public Works –	The City of Miami Beach transports litter				
	PERMITTEE Litter Control Program: Estimated amount of litter collected (tons/year)	8,831	NPDES Tracker – Sanitation	Sanitation Division					

A.	B.	C.	D.	E.	F.
Permit itation/ SWMP lement	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
					Waste
					Management
					Disposal
					Facilities. The
					city collected 796
					(tons/year) this reporting year
	If an Adopt-A-Road or similar program is implemented, report the total number of road	miles cleaned and an	estimate of the quantity	of litter collected	reporting year
	in an Adopt-A-Noad of Similar program is implemented, report the total number of load	miles cleaned and an	estimate of the quantity	of fitter collected.	
	<u>DEP Note:</u> The permittee may choose its own unit of measurement for the amour	nt of litter collected. U	nit options include: bags	s, cubic yards, pounds	s, tons. If an
	Adopt-A-Road or similar program is not implemented by the permittee, please not				
	Trash Pick-up Events: Total miles cleaned	*			Local non-profits
	Trash Pick-up Events: Estimated amount of litter collected (trash bags)				that lead
					cleanups on a
					regular basis,
			Local Non-Profits,		most report their
			Cleanswell, App,		Ocean
		200	Event Forms &	City of Miami	Conservancy's
		200	Project Hope Program SOP		Cleanswell App
					The number
					reflects the
				Beach through	number of
				local non-profits	approximate
				local flori profito	cleanups
	Adopt-A-Beach Program: Total miles cleaned	*			The City does
	Adopt-A-Beach Program: Estimated amount of litter collected (bags)				not have an Adopt-A-Road
					Program. The
			NPDES Tracker –		City's Adopt-a-
		*	Adopt-a-Beach		Beach Program
					has been
					cancelled due to
					operational
					issues.
	Report on the street sweeping program, including the frequency of the sweeping, total (TN) and total phosphorus (TP) loadings that were removed by the collection of sweep not in the Year 1 Annual Report.	miles swept, an estim ings. If no street swe	ate of the quantity of sw eping program is implen	reepings collected, ar nented, provide the ex	nd the total nitrogen xplanation of why
	<u>DEP Note:</u> Please provide an explanation in Column F for any "0" reported in Column F	umn C. Also, the peri	mittee may choose its ov	vn unit of measureme	ent for the amount
	of sweeping material collected. Unit options include: cubic yards, pounds, tons.				

SECTION	VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE									
A.	B.	C.	D.	E.	F.					
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments					
	<u>DEP Note:</u> If the permittee has curbs and gutters but no street sweeping program Annual Report. Refer to Part III.A.3 of the permit for the information that must be street sweeping). Please provide the title of the attached explanation in Column D	included in the explar	nation (including the alte	rnate BMPs used or p	lanned in lieu of					
	Frequency of street sweeping	Daily	Sanitation Division Standard Operating	xpianation in Colum						
	Total miles swept (per day)	117	Procedures							
	Estimated quantity of sweeping material collected (Kg)	634,346		Public Works –	Determined from averaged typical					
	Total nitrogen loadings removed (pounds)	787	Calculated Nutrient Load Reductions	Sanitation Division	day's weight of street sweepings					
	Total phosphorus loadings removed (pounds)	505	from MS4 Maintenance Practices		collected. Increased from 469,194.20 kg last year.					
	Year 1 ONLY: If have curbs and gutters, attach explanation of why no street sweeping program and the alternate BMPs used or planned				N/A					
	road repair and maintenance, and from permittee-owned or operated equipment yards and maintenance shops that support road maintenance activities. Report the number of applicable facilities and the number of inspections conducted for each facility. <u>DEP Note:</u> The permittee needs to "customize" this section by listing the names of the applicable facilities in Column B and the number of inspections of each facility in Column C. Add more rows if necessary. If "0" is reported in Column C for the number of inspections conducted and the permittee has one or more applicable facilities, please provide an explanation in Column F for why no inspections were conducted. In addition, if the same facility is applicable under both Parts III.A.3 and III.A.5 of the permit, the same site inspection can count towards both inspection requirements as long as it covers the applicable waste area(s). Be sure to report the site inspection under both Parts III.A.3 and III.A.5.									
		Number of Inspections								
	Name of facility #1: Public Works Yard	0	NPDES Tracker – Facility Inspections	Environmental Division	The facility was not inspected this year due to high turnover.					
Part III.A.4	Flood Control Projects									
+	Report the total number of flood control projects that were constructed by the permittee during the reporting period and the number of those projects that did NOT include stormwater treatment. The permittee shall provide a list of the projects where stormwater treatment was not included with an explanation for each of why it was not. Report on any stormwater retrofit planning activities and the associated implementation of retrofitting projects to reduce stormwater pollutant loads from existing drainage systems that do not have treatment BMPs.									
	<u>DEP Note:</u> A "stormwater retrofit project" is one implemented primarily to provide a	stormwater treatment	:							
	<u>DEP Note:</u> The status of the flood control and retrofit projects should be reported duplication for those reported as planned, for those reported as under construction			period. Therefore, the	re should be no					

SECTION	VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE							
A.	В.	C.	D.	E.	F.			
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments			
	<u>DEP Note:</u> If applicable, please provide the title of the attached list of flood control entity who finalized the list in Column E.	ol projects that did not	include stormwater trea	tment in Column D a	nd the name of the			
	Flood control projects completed during the reporting period	0			All of the City's flood control			
	Flood control projects completed during the reporting period that did <u>not</u> include stormwater treatment	0	CIP Office List for Environmental Division		projects include stormwater			
	ATTACH a list of the flood control projects that did <u>not</u> include stormwater treatment and an explanation for each of why it was not				treatment. In July 2013, the City			
	Stormwater retrofit projects planned	15 (15 CIP)		CIP Department	began an aggressive stormwater infrastructure upgrade program as part of its sea level rise adaptation strategy.			
	Stormwater retrofit projects under construction during the reporting period	13 (13 CIP)						
	Stormwater retrofit projects completed during the reporting period	0						
Part III.A.5	Municipal Waste Treatment, Storage, and Disposal Facilities Not Covered by an	NPDES Stormwater	Permit					
	Annually review (and revise, as needed) and implement the permittee's written proced the following facilities that are not otherwise covered by an NPDES stormwater permit  Operating municipal landfills;  Municipal waste transfer stations;  Municipal waste fleet maintenance facilities; and  Any other municipal waste treatment, waste storage, and waste disposal facilities	::	nd the implementation o	of measures to contro	l discharges from			
	Report the number of applicable facilities and the number of the inspections conducte	d for each facility.						
	<u>DEP Note:</u> The permittee needs to "customize" this section by listing the names of the applicable facilities in Column B and the number of inspections of Column C. Add more rows if necessary. If "0" is reported in Column C for the number of inspections conducted and the permittee has one or more applicable please provide an explanation in Column F for why no inspections were conducted. <b>An applicable facility under Part III.A.5 includes, but is not limite facilities/yards where street sweeping material and/or yard waste are temporary stockpiled, and where solid waste collection vehicles are park maintained. In addition, if the same facility is applicable under both Parts III.A.3 and III.A.5 of the permit, the same site inspection can count towards bot requirements as long as it covers the applicable waste area(s). Be sure to report the site inspection under both Parts III.A.3 and III.A.5.</b>							
		Number of Inspections						
	Name of facility #1: Green Waste Facility	See comments	NPDES Tracker – Facility Inspections	Public Works – Environmental Division	The Green Waste Facility collects vegetative, electronic and			

SECTION	VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
					textile waste that is disposed off-site at Waste Management Hialeah Transfer/Recycling Center (Kimmins). In April 2020 the City received clarification from DEP that it is good housekeeping to do an inspection now that the facility receives electronic waste
Part III.A.6	Pesticides, Herbicides, and Fertilizer Application	<u>I</u>			waata
	Continue to require proper certification and licensing by the Florida Department of Agri pesticides, herbicides, or fertilizers on permittee-owned property, as well as any permi permittee personnel applicators and contracted commercial applicators of pesticides a personnel and contractors who have been trained through the Green Industry BMP Property FDACS certified / licensed.  **DEP Note:* If "0" is reported in Column C for any of the reporting items, please incorpersonnel and contractors during the applicable reporting year, the most recent year the personnel and contractors previously trained / certified.	ttee personnel employ nd herbicides who are ogram, and the number clude in Column F and	yed in the application of e FDACS certified / licen er of contracted comment explanation of why traini	these products. Rep sed. Report the nun rcial applicators of fe ing was not provided	ort the number of her of permittee rtilizer who are
	PERSONNEL: Florida Department of Agriculture and Consumer Services (FDACS) certified applicators of pesticides and herbicides	5	Greenspace Management Division – Certifications/Licens es/Certificates	Public Works - Greenspace Management Division and Urban Forestry	
	CONTRACTORS: FDACS certified / licensed applicators of pesticides and herbicides	9 in 3 companies	NPDES – Landscape Maintenance	Public Works - Greenspace	
	CONTRACTORS: FDACS certified / licensed applicators of fertilizer	2	Contractors for Greenspace 2019	Division	
	PERSONNEL: Green Industry BMP Program training completed	14	Greenspace Management Division – Certifications/Licens es/Certificates	Public Works - Greenspace Division	

SECTION	II. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	В.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	CONTRACTORS: Green Industry BMP Program training completed	4 in 3 companies	NPDES – Landscape Maintenance Contractors for Greenspace 2019	Public Works - Greenspace Division	
	Pursuant to SB 2080 (2009), all local governments are encouraged to adopt a Florida- friendly Guidance Models for Ordinances, Covenants and Restrictions." If the broader within the watershed of a nutrient-impaired water body shall adopt the Department's M SB 494 (2009) or an ordinance that includes all of the requirements set forth in the Mo permit issuance. Provide a copy of the adopted ordinance with the subsequent Year 1 <u>DEP Note:</u> If this provision is not applicable because the permittee is not within the F, but do not remove this reporting item. <u>DEP Note:</u> Please provide the title and citation of the ordinance in Column D, and	Florida-friendly ordina lodel Ordinance for Flo del Ordinance. <u>The o</u> I or Year 2 Annual Re ne watershed of a nutr	ance described above is orida-Friendly Fertilizer rdinance shall be adopt port. ient-impaired water bod	s not adopted, then <u>all</u> Use on Urban Landsc ed within 24 months o	local governments capes pursuant to of the date of
	Year 1 or Year 2 ONLY: Attach copy of adopted Florida-friendly ordinance				
	During Year 1 of the permit, develop and implement a written public education and out herbicides, and fertilizers. Report on the public education and outreach activities that encourage citizens to reduce their use of pesticides, herbicides, and fertilizers, includir distributed, the percentage of the population reached by the activities in total, and the and Neighborhoods (FYN) program should only be reported if the permittee is contributed.  **DEP Note:** The permittee should "customize" the list of public outreach activities in public outreach program. However, the reporting item of "Estimated percentage of add more specifics to the reporting items, such as the name of the brochure or ne include in Column F an explanation for why no outreach was performed.	are performed or sporing the type and number of Web site viliting funding towards the state of the population reachewsletter distributed. If	asored by the permittee er of activities conducted sits (if applicable). Activities FYN staff and programation of the first based by the activities in to "0" is reported in Column	within the permittee's d, the type and numbe vities performed under am within its jurisdiction as appropriate to tal" must remain. The nn C for all the reporting	jurisdiction to er of materials r the Florida Yards on.  o their particular e permittee may ng items please
	<u>DEP Note:</u> Miami-Dade County is to report the public education and outreach act Miami-Dade County). The co-permittees are to report just the public education ar <a href="DEP Note:">DEP Note:</a> Indicate under Column E "Entity Performing the Activity" if FYN or IFA addition, please complete the following line:  FYN PROGRAM FUNDING: Per	nd outreach activities to some six performing any of	hat they performed. the reported public edu	cation and outreach a	activities. In
	Estimated percentage of the population reached by the activities in total	50%		Environment and Sustainability Department /	This estimate takes into consideration

SECTION VII	. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
				Communications Department	outreach and education activities extend to residents, local visitors and national/internati onal tourists.
	Neighborhood presentations: Number conducted	13			Environmental
	Neighborhood presentations: Number of participants	1,144		Environment and Sustainability Department	Division incorporates stormwater and water quality into all Division events. Included presentation given to media outlets.
	Newspapers & newsletters: Number of articles/notices published	65,000 Quarterly			MB Magazine is
	Newsletters: Number of newsletters distributed	155,000 Readers Quarterly	Recycling Outreach Tracker and Communications	Communications Department	produced quarterly. It is estimated that the publication reaches 155,000 readers.
	Public displays (e.g., kiosks, storyboards, posters, etc.)	15	Statistics	Environment and Sustainability Department	Pollution Prevention Board or other stormwater quality information is included when Division tables at all events.
	Radio or television Public Service Announcements (PSAs)	0		Communications Department	
	Seminars/Workshops: Number conducted	20	1	Dopartment	Environmental
	Seminars/Workshops: Number of participants	1,206		Environment and Sustainability Department	Division incorporates stormwater and water quality into all Division events.

A.	В.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Special events: Number conducted	46			Pollution
	Special events: Number of participants	2,398		Environment and Sustainability Department	Prevention Board or other stormwater quality information is included when Division tables at all events.
	Web Site: Number of hits / visitors to the stormwater-related pages	148,000		Environment and Sustainability Department	
Part III.A.7.a	Illicit Discharges and Improper Disposal — Inspections, Ordinances, and Enforc	ement Measures			
	Where applicable, strengthen the legal authority to conduct inspections, conduct monit MS4 and to require compliance with conditions in ordinances, permits, contracts, and one of the applicable, please provide the title of the attached report in Column ATTACH a report on any amendments to the applicable legal authority	orders. Report amend	dments, as needed.		nd spills into the
Part III.A.7.c	Illicit Discharges and Improper Disposal — Investigation of Suspected Illicit Disc	charges and/or Impre	oper Disposal		•
	During Year 1 of the permit, develop and implement a written proactive inspection progor dumping to the MS4. Report on the proactive inspection program, including the nur and type of enforcement actions taken. <u>DEP Note:</u> If "0" is reported in Column C for the first reporting item, please include addition, the permittee should re-word the "NOVs / warning letters / citations issue necessary.	nber of inspections co	onducted, the number of plumn F for why no proa	illicit activities found,	and the number e performed. In
	<u>DEP Note:</u> Proactive inspections may include, for example, suspect areas (e.g., i stations, laundries / dry cleaners, auto body shops, mobile carpet cleaners) or ten inspected during routine inspections and maintenance of the MS4, in association reports.	nporary activities (e.g.	, special events / fairs /	circus) that would not	otherwise be
	<u>DEP Note:</u> Miami-Dade County is to report the ONLY the proactive inspections it inspections it performed in the co-permittees' jurisdictions are to be reported by the Miami-Dade County in their jurisdictions only if the inspections included looking for the Miami-Dade County proactive inspections in their jurisdiction separately from the miami-Dade.	e co-permittees. The r illicit discharges / co	co-permittees may repo Innections / dumping to	ort the IWP inspection the MS4. Each co-pe	s performed by
	<u>DEP Note:</u> Refer to Part III.A.7.c of the permit for what must be included in the win Column D and the name of the entity who finalized the plan in Column E.	ritten proactive inspec	tion program plan. Plea	ase provide the title of	the attached plan

A.	В.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Proactive inspections performed by Miami-Dade County on behalf of a copermittee for suspected illicit discharges / connections / dumping	15	Miami Beach – Priority Inspection List	Miami-Dade County RER	These are proactive inspections done by the County. This does not include the number of proactive inspections done by the city's stormwater inspector.
	Proactive inspections performed by the permittee for suspected illicit discharges / connections / dumping	238	Search Complaints	Code Compliance, Environment and Sustainability Department	Code Compliance patrols our alleys daily for
	Illicit discharges / connections / dumping found during a proactive inspection	67 (3 by MDC, 64 by CMB)	Report, NPDES Tracker – SW Inspections, and Miami Beach – Priority Inspection List	Code Compliance, Environment and Sustainability Department, and Miami-Dade County RER	biohazard violations, including grease, dumpster, forthwith, and litter violations.
	Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a proactive inspection	67 (3 by MDC, 64 by CMB Code)		Code Compliance, Miami-Dade County RER	The city has an inspector dedicated for
	Fines issued for illicit discharges / connections / dumping found during a proactive inspection	64 (0 by MDC, 64 by CMB Code)	Search Complaints Report	Code Compliance and Miami-Dade County RER	looking at construction site run off. The number of proactive inspections is from the tracker belonging to that program. Code violation could not be distinguished between proactive and reactive, as such all code inspections are recorded as

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
					reactive. The city was without an E&S inspector between June 2019 and November 2019.
	Year 1 ONLY: Attach the written proactive inspection program plan  Annually review (and revise, as needed) and implement the permittee's written procedure.				
	suspected illicit activity. Report on the reactive investigation program as it relates to received, the number of investigations conducted, the number of illicit activities found, Miami-Dade County to conduct these activities on its behalf, the permittee shall obtain report information from the County. <u>DEP Note:</u> If the number of reports received differs from the number of reactive in addition, the permittee should re-word the "NOVs / warning letters / citations issue necessary.	and the number and t (and, upon request, N	type of enforcement action Miami-Dade County sha  provide an explanation for accurately reflect its	ons taken. If a permit Il make available) the for the discrepancy in	ttee relies on necessary annual Column F. In
	Reports of suspected illicit connections / discharges / dumping received	26 (9 by MDC, 17 by CMB)	Search Complaints Report, NPDES Tracker – SW Inspections		City staff investigates all reports of suspected illicit
	Reactive investigations of reports of suspected illicit discharges/ connections / dumping	29 (12 by MDC, 17 by CMB)	Search Complaints Report, NPDES Tracker – SW Inspections, and Web Q&A Service Request Reports	Code Compliance, Environment & Sustainability, and Public Works – Right-of-Way	connections/disc harges/dumping received. Please note that the City launched a new reporting system this year which may have contributed to the low number of reports received.
	Illicit discharges / connections / dumping found during a reactive investigation	29 (12 by MDC, 17 by CMB)	Search Complaints Report, NPDES Tracker – SW Inspections, and Web Q&A Service Request Reports	Division	
	Notices of Violation (NOVs) / warning letters / citations issued for illicit discharges / connections / dumping found during a reactive investigation	1 (1 by MDC)	Search Complaints Report, NPDES Tracker – SW Inspections, and	_	

A.		B.		C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Require	ment/Quantifiable SWMP A	Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
					Web Q&A Service		
	Fines issued for illicit dis	scharges / connections / du		0	Request Reports Search Complaints		
	During Year 1 of the permit, deve		reactive investigation	Lappropriate permitte	Report	old arous float maint	nonce stoff and
	inspectors) <u>and contractors</u> to ide MS4. Refresher training shall be and outside training). <u>DEP Note:</u> If "0" is reported contractors during the applic previously trained.		the type of training activiti ase include in Column F	ies, and the number o an explanation of why	f permittee personnel ar	nd contractors trained ed to / obtained by pe	(both in-house
	providually training.	Initial Training	Refresher Training				
	Personnel trained	0	113		Training sign in sheet	Environment and Sustainability Department	E&S staff provided trainin but did not distinguish between initial and refresher training.
	Contractors trained	0	0				During the reporting period the City trained contractors or BMPs when responding to violations and during construction sit inspections.
Part III.A.7.d	Illicit Discharges and Improper Annually review (and revise, as real that discharge into the MS4. Rep	needed) and implement the p	ermittee's written spill-pr				nd respond to spill
	County Fire Department to condu annual report information from th	uct these activities on its beh					

A.		B.		C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirer	ment/Quantifiable SWMP	Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Hazardous	and non-hazardous mate	rial spills responded to	26	NPDES Report – Fire Department	Fire Department	
	During Year 1 of the permit, deve staff and inspectors) <u>and contract</u> Report the type of training activition <u>DEP Note:</u> If "0" is reported contractors during the application previously trained.	ors on proper spill preventions, and the number of permotors for either reporting item, ple	on, containment, and respittee personnel and contracted in Column Fa	onse techniques and actors trained (both in an explanation of why	procedures. Refresher house and outside train training was not provide	training shall be provi ning). ed to/obtained by pe	ded annually.  rsonnel and
	,	Initial Training	Refresher Training				
	Personnel trained	0	See comments.		Miami Beach Fire Dept Haz-Mat Training	Fire Department	This year the City tracked the total number of hazmat training hours instead of the total number of staff trained. The entire Fire Department force received 1,568 hours of different hazmat training.
	Contractors trained	0	0		N/A	N/A	The City does not utilize contractors to respond to hazardous spills
Part III.A.7.e	Illicit Discharges and Improper	Disposal — Public Repor	ting				
	During Year 1 of the permit, dever presence of illicit discharges and citizen reporting, the permittee she ducation and outreach activities discharges and improper disposal population reached by the activities	improper disposal of materi all publicize the existence of that are performed or spon- I of materials, including the	als into the MS4. If a pen of the 24-Hour Miami-Dado sored by the permittee wit type and number of activi	mittee relies on the 24 e County pollution con hin the permittee's jur ies conducted, the type	<ul> <li>Hour Miami-Dade Count</li> <li>nplaint hotline number of isdiction to encourage to</li> </ul>	nty hotline as its telepon a routine basis. Re the public reporting of	phone line for eport on the public suspected illicit

A.	В.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	<u>DEP Note:</u> The permittee should "customize" the list of public outreach activities in public outreach program. However, the reporting item of "Estimated percentage on the 24-Hour Miami-Dade County hotline, the reporting item of "Publicize the Miadd more specifics to the reporting items, such as the name of the brochure or ne include in Column F an explanation for why no outreach was performed. <u>DEP Note:</u> Miami-Dade County is to report the public education and outreach act Miami-Dade County). The co-permittees are to report just the public education ar	if the population reach iami-Dade County Pol wsletter distributed. If ivities that it performe	ned by the activities in to llution Complaint Hotline "0" is reported in Colum d county-wide (and not)	tal" must remain. If ti " must also remain. T in C for all the reportin	he permittee relies The permittee may ng items, please
	Estimated percentage of the population reached by the activities in total				This estimate
		50%		Environment and Sustainability Department / Communications Department	takes into consideration that the City's outreach and education activities extend to residents, local visitors and national/internati onal tourists.
	Neighborhood presentations: Number conducted	20			Environmental
	Neighborhood presentations: Number of participants	1,206	Recycling Outreach Tracker and Communications Statistics	Environment and Sustainability Department	Division incorporates stormwater and water quality into all Division events. Includes TV interviews. Participants number from neighborhood meetings sign in sheets. Estimate
	Newspapers & newsletters: Number of articles/notices published	65,000 Quarterly			MB Magazine is
	Newsletters: Number of newsletters distributed	155,000 Readers Quarterly	Recycling Outreach Tracker and Communications Statistics	Communications Department	produced quarterly. It is estimated that the publication reaches 155,000 readers.
	Public displays (e.g., kiosks, storyboards, posters, etc.)	30		Environment and Sustainability Department	Pollution Prevention Board or other

SECTION	VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Padio or talovicion Public Service Appauments (BSAs)	1 onti littor DSAo			stormwater quality information is included when Division tables at all events.
	Radio or television Public Service Announcements (PSAs)	1 anti-litter PSAs MBTV -2920 Social Media- 360,000		Communications Department	
	Seminars/Workshops: Number conducted	20			Pollution
	Seminars/Workshops: Number of participants	1,206			Prevention Board or other
	Special events: Number conducted Special events: Number of participants	46			stormwater
	opedial events. Number of participants	2,398		Environment and Sustainability Department	quality information is included when Division tables at all events.
	Web Site: Number of visitors to the stormwater-related pages	148,000			
Part III.A.7.f	Illicit Discharges and Improper Disposal — Oils, Toxics, and Household Hazardo				
	During Year 1 of the permit, develop and implement a written public education and out fluids, leftover hazardous household products, and lead acid batteries. On a routine be including a description of the types of materials accepted and the hours of operation. sponsored by the permittee within the permittee's jurisdiction to encourage the proper and number of activities conducted, the type and number of materials distributed, the appopulation reached by the activities in total, and the number of Web site visits (if applied to the applied outreach program. However, the reporting items of "Estimated percentage County Home Chemical Collection Program" must remain. The permittee may acknowled the reporting items, please the stributed. If "0" is reported in Column C for all the reporting items, please the stributed of the stributed in the stributed	asis, inform the public export on the public export on the public exposed of organization of waste collected.  by removing items or a of the population read the more specifics to the ase include in Column	of the locations of collectucation and outreach aducation and outreach als, toxics, and household ted / recycled / properly adding items to the list be the dby the activities in the reporting items, such as F an explanation for whether the such as F an explanation of the such as F and E	ction facilities for thes activities that are perfect hazardous waste, in a disposed, the percent has appropriate the fact that are perfect has the name of the brothy no outreach was perfect to the fact that the fact has the second of the properties of the properties that the name of t	e materials, ormed or nocluding the type ntage of the to their particular ne Miami-Dade ochure or erformed.
	<u>DEP Note:</u> Miami-Dade County is to report the public education and outreach act Miami-Dade County). The co-permittees are to report just the public education are			iust in the unincorpora	ated areas of
	Estimated percentage of the population reached by the activities in total	50%		Environment and Sustainability Department / Communications Department	This estimate takes into consideration that the City's outreach and education

SECTION	VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	В.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
					activities extend to residents, local visitors and national/internati onal tourists.
	Publicize the Miami-Dade County Home Chemical Collection Program	Social Media Impressions:			The City only publicizes this program through the Public Works  - Sanitation
		30,400 Constant Contact: 8 emails to 5,520 subscribers			Division Hazardous Waste website, which logged 26,363 views in this reporting year.
	Neighborhood presentations: Number conducted	191	Recycling Outreach Tracker and Communications Statistics	Environment and Sustainability Department	Environmental Division incorporates stormwater and water quality into all Division events. Includes TV interviews. Participants number from neighborhood meetings sign in sheets and estimates.
	Newspapers & newsletters: Number of articles/notices published Newsletters: Number of newsletters distributed	65,000 Quarterly  155,000 Readers  Quarterly		Communications Department	MB Magazine is produced quarterly. It is estimated that the publication reaches 155,000 readers.
	Public displays (e.g., kiosks, storyboards, posters, etc.)	24		Environment and Sustainability Department	Pollution Prevention Board or other stormwater

SECTION				_	_
A. Permit Citation/ SWMP Element	B.  Permit Requirement/Quantifiable SWMP Activity	C. Number of Activities Performed	D.  Documentation / Record	E. Entity Performing the Activity	F. Comments
	Radio or television Public Service Announcements (PSAs)	1 anti-liter PSA's			quality information is included when Division tables at all events.
		MBTV -2920 Social Media- 360,000		Communications Department	
	Seminars/Workshops: Number conducted Seminars/Workshops: Number of participants Special events: Number conducted Special events: Number of participants	20 1,206 46			Pollution Prevention Board or other stormwater quality
		2,398		Environment and	information is included when Division tables at all events.
	Web Site: Number of visitors to the stormwater-related pages	148,000		Sustainability Department	The City only publicizes this program through the Public Works - Sanitation Division, the Environment and Sustainability Page and the resilience page
Part III.A.7.g	Illicit Discharges and Improper Disposal — Limitation of Sanitary Sewer Seepage				
	Annually review (and revise, as needed) and implement the permittee's written proced discharges to the MS4 from sanitary sewer overflows (SSOs) and from inflow / infiltrati appropriate utility owner of a violation if constituents common to wastewater contamina undertaken to reduce or eliminate SSOs and inflow/ infiltration, the number of SSOs or owner of the sanitary sewer system within the permittee's jurisdiction. <u>DEP Note:</u> The permittee should contact the appropriate authorities for accurate for investigating and eliminating SSOs and the local health department who is restems.	ion from collection / tra ation are discovered in r inflow / infiltration inc reporting information,	ansmission systems and the MS4. Report on the idents found and the nu- such as the sanitary se	Nor septic tank system the type and number of the type and the type and the twer system operator	ns. Advise the f activities ne name of the
	<u>DEP Note:</u> Report only the SSOs and inflow / infiltration incidents <u>into the MS4.</u>				

A.	B.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	SSO incidents discovered	33			Miami-Dade
	SSO incidents resolved	33	SSO Incident Reports and Files	Environment and Sustainability Department	County WASE documented ( SSO incidents for this reportir year.
	Inflow / infiltration incidents discovered	See comments.			The City has
	Inflow / infiltration incidents resolved	See comments.	Miami-Dade County E-mail	Public Works – Engineering Division	been proactive its approach to mitigating I&I in the sanitary sewer since 1993. In Octob 2016, the City completed Pha III (Implementation of Corrective Action Plan) of its Second Cycles Sanitary Sewer Evaluation Survey in accordance with an EPA Conserve according to SSES guidelines the city is assessing the condition of our sanitary sewer system and with the submitting the System and with the submitting the
	Name of owner of the sanitary sewer system	Miami-Dade County	WASD		

A.	B.			C.	D.	E.	F.						
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable	SWMP Activity		Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments						
	<ul> <li>Continue to maintain an up-to-date inventory of all existing high risk facilities discharging into the permittee's MS4. The inventory shall identify the outfall and surface water body into which each high risk facility discharges. For the purposes of this permit, high risk facilities include: <ul> <li>Operating municipal landfills;</li> <li>Hazardous waste treatment, storage, disposal and recovery facilities;</li> <li>Facilities that are subject to EPCRA Title III, Section 313 (also known as the Toxics Release Inventory (TRI) maintained by the U.S. EPA); and</li> <li>Any other industrial or commercial discharge that the permittee determines is contributing a substantial pollutant loading to the permittee's MS4. This could include facilities identified through the proactive inspection program as per Part III.A.7.c of the permit.</li> </ul> </li> <li>Report on the high risk facilities inventory, including the type and total number of high risk facilities and the number of facilities newly added each year. If a permittee relies</li> </ul>												
	Report on the high risk facilities inventory, including on Miami-Dade County to conduct these activities or annual report information from the County.	the type and total n its behalf, the pe	number of high ermittee shall ob	risk facilities and the n tain (and, upon reques	umber of facilities newly t, Miami-Dade County s	added each year. If hall make available) t	a permittee relies he necessary						
	<u>DEP Note:</u> The TRI is updated every spring / s Geographic Location, and then select "Generat												
	<u>DEP Note:</u> The total number of high risk facilities reported needs to equal the sum of the numbers of the four types of applicable facilities.												
	During Year 1 of the permit, develop and implement a written plan for conducting inspections of high risk facilities to determine compliance with all appropriate aspects of the stormwater program. While the permittee may determine the order and frequency of the inspections, the permittee shall inspect each identified facility at least once during the permit term; however, facilities identified as high risk due to the findings of the proactive inspection program as per Part III.A.7.c of the permit shall be inspected annually. Report on the high risk facilities inspection program, including the number of inspections conducted and the number and type of enforcement actions taken. If a permittee relies on Miami-Dade County to conduct these activities on its behalf, the permittee shall obtain (and, upon request, Miami-Dade County shall make available) the necessary annual report information from the County.												
	<u>DEP Note:</u> If "0" is reported for the number of inspections conducted and the permittee has one or more high risk facilities, please provide an explanation in Column F for why no inspections were conducted. In addition, the permittee should re-word the "NOVs / warning letters / citations issued" reporting item to more accurately reflect its particular initial enforcement activity, if necessary.												
	<u>DEP Note:</u> Miami-Dade County is to report ON facilities located in the co-permittees' jurisdiction performed in the unincorporated areas of Miam co-permittees. Each co-permittee is to obtain the	ns are to be repor i-Dade County – a	ted by the co-pe any high risk fac	ermittees. Likewise, the ility inspections it perfo	e County is to report ON rmed in the co-permittee	ILY the high risk facilites' jurisdictions are to	ty inspections it						
				discovered during a k inspection									
		Number of Facilities Number of Inspections	Fines issued	Notices of Violation (NOVs) / warning letters / citations issued									
	Total high risk facilities	0				Miami-Dade	There are no						
	New high risk facilities added to the inventory					IVIIaiiii*Daut	high-risk facilitie						

A.	VII. STORMWATER MANAGEMENT PROGRAM	(SVVIVIP)	OOMINAKT 17	NOLL.				
Λ.	B.				C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable	e SWMP	Activity		Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Operating municipal landfills	0						Miami Beach as
	Hazardous waste treatment, storage, disposal and recovery (HWTSDR) facilities					of November 19 2019.		
	EPCRA Title III, Section 313 facilities (that are not landfills or HWTSDR facilities)							
	Facilities determined as high risk by the permittee through the proactive inspections as per Part III.A.7.c	0						
	Other facilities determined as high risk by the permittee (that are <u>not</u> facilities identified through the proactive inspections)	0						
Part III.A.8.b	Industrial and High-Risk Runoff — Monitoring fo	or High F	lisk Industries	;				
	information from the County. <u>DEP Note:</u> Miami-Dade County is to report Orisk facilities located in the co-permittees' juris							mpled — the high
		High	ı risk facilities	sampled	N/A		Miami-Dade County RER	There are no high risk facilities in the City of Miami Beach as of November 19
Part III.A.9.a	Construction Site Runoff — Site Planning and N			-		tices		There are no high risk facilities in the City of Miami Beach as
	Continue to implement the local codes or land development of appropriate structural and non-structural erosion permittee and private pre-construction site plans results.	lon-Struc lopment and sedi viewed fo	ctural and Stru regulations and mentation conti or stormwater, e	uctural Bes If the written rols during of erosion, and	t Management Prac pre-construction site construction to reduct sedimentation conti	e plan review procedures e the discharge of polluta	that require the use ants to the MS4. Rep	There are no high risk facilities in the City of Miami Beach as of November 19 2019.
	Continue to implement the local codes or land develor of appropriate structural and non-structural erosion permittee and private pre-construction site plans results.  DEP Note: Please provide an explanation in Continuous	lopment and sedi viewed fo	regulations and mentation continuity stormwater, en	ictural Bes If the written rols during of erosion, and	t Management Prace pre-construction site construction to reduce sedimentation continuumn C.	e plan review procedures e the discharge of polluta ols, and the number app	that require the use ants to the MS4. Rep	There are no high risk facilities in the City of Miami Beach as of November 19 2019.
	Continue to implement the local codes or land development of appropriate structural and non-structural erosion permittee and private pre-construction site plans results.	lon-Structon-Scolumn Footstruct	regulations and mentation conti or stormwater, of for any "0" reportion site plans	d the written rols during derosion, and orted in Colo reviewed	t Management Prace pre-construction site construction to reduce sedimentation control umn C. 42 9	e plan review procedures e the discharge of polluta	that require the use ants to the MS4. Reproved.  Public Works – Engineering	There are no high risk facilities in the City of Miami Beach as of November 19 2019.  and maintenance fort the number of A Public Works review is only triggered for
	Continue to implement the local codes or land develor of appropriate structural and non-structural erosion permittee and private pre-construction site plans results of the provide and explanation in Continuous Permittee Sites: Continuous Co	lon-Struction-Structionstruction	regulations and mentation contion stormwater, ending for any "0" reposition site plans on site plans and the stormwater of the stormwater	Ictural Bes If the written rols during of erosion, and orted in Colo reviewed approved	t Management Prace pre-construction site construction to reduce a sedimentation contruction to the contruction contruction contruction contruction contruction contruction contruction contraction control con	e plan review procedures e the discharge of polluta ols, and the number app  Pending Plan Review Trackers	that require the use ants to the MS4. Reproved.	There are no high risk facilities in the City of Miami Beach as of November 19 2019.  and maintenance fort the number of A Public Works review is only

Α.	B.	C.	D.	E.	F.						
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments						
			Reviewer from		potential to impact the ROV						
	Annually review (and revise, as needed) and implement the permittee's written procedures to notify all new development / redevelopment permit applicants of the need to obtain all required stormwater permits. Report the number of new development/redevelopment permit applicants notified of the ERP and CGP, and the number of applicants who confirmed ERP and CGP coverage.										
	<u>DEP Note:</u> Please provide an explanation in Column F for any "0" reported in Col number of construction site plans reviewed, please provide an explanation for the			f ERP or CGP cover	age is less than th						
	Notified of ERP stormwater permit requirements		1	Т	he Environment a						
	Confirmed ERP coverage				Sustainability-						
	Notified of CGP stormwater permit requirements				Environmental						
	Confirmed CGP coverage			a t	Division staff verificall projects have received DERM proval, the procein hrough which each oroject is notified ERP and CGP						
					requirements.						
Part I.A.9.b	Construction Site Runoff — Inspection and Enforcement										
	As an attachment to the Year 1 Annual Report, the permittee shall submit a written plan that details the standard operating procedures for implementation of the stormwater, erosion and sedimentation inspection program for construction sites discharging stormwater to the MS4. The permittee shall implement the plan for inspection construction sites immediately upon written approval by the Department. Prior to Department approval, the permittee shall continue to perform inspections in accordance with its previously developed construction site inspection procedures. Report on the inspection program for privately-operated and permittee-operated construction sites, including the number of active construction sites during the reporting year, the number of inspections of active construction sites, the percentage of active construction site inspected, and the number and type of enforcement actions / referrals taken.  DEP Note: If "0" is reported in Column C for the number of inspections conducted, please provide an explanation in Column F of why no inspections were conducted for the number of inspections reported is equal to or less than the number of active construction sites, or the percentage inspected is less than 100%, please provide an explanation in Column F. In addition, the permittee should re-word the "NOVs / warning letters / citations issued" reporting item to more accurately reflect its particular initial enforcement activity, if necessary.										
	<u>DEP Note:</u> Refer to Part III.A.9.b of the permit for what must be included in the co in Column D and the name of the entity who finalized the plan in Column E.	nstruction site inspe	ction program plan. Plea	se provide the title o	f the attached pla						
	PERMITTEE SITES: Active construction sites		CIP Projects	Public Works – Right-of-Way Division / CIP	This number vestimated base on the number						

Permit Requirement/Quantifiable SYMMP Activity   Activities   Performing the Activities   Performing the Activity	A.	В.	C.	D.	E.	F.
Secomments   Stormwater, erosion and sedimentation BMPs	Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Activities		Performing the	Comments
Private Run-off Activities / Projects / Developments Records  Public Works – Right-of-Way Division  PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs PRIVATE SITES: Percentage of active construction sites inspected  Notices of Violation (NOVs) / warning letters / citations issued  Private Run-off Activities / Projects / Developments Records  Public Works – Right-of-Way Division  Public Works – ROW Division Standard Operating Procedure  Notices of Violation (NOVs) / warning letters / citations issued  See comments  NPDES Tracker – SW Inspections  NPDES Tracker – SW Inspections  Calculated by th number of ROV		stormwater, erosion and sedimentation BMPs	255 by CMB E&S)	City Works		environmental inspector that is responsible for oversight of permitted sights. Additionally, each project is assigned a resident project inspector to conduct more frequent/regular
PRIVATE SITES: Inspections of active construction sites for proper stormwater, erosion and sedimentation BMPs PRIVATE SITES: Percentage of active construction sites inspected    100%		PRIVATE SITES: Active construction sites	1,204	Activities / Projects / Developments	Right-of-Way	This number is calculated by the number of ROW permits issued. Some may only include minor construction activities that do not require inspections. Major construction sites require
Notices of Violation (NOVs) / warning letters / citations issued  Notices of Violation (NOVs) / warning letters / citations issued  See comments  NPDES Tracker – SW Inspections  NPDES Tracker – SW Inspections  Code violation could not be			3,612		Division	The ROW
Notices of Violation (NOVs) / warning letters / citations issued  See comments  NPDES Tracker – SW Inspections  Code violation could not be			100%	ROW Division Standard Operating		average of 3 inspections of each active construction site during the life of
		Notices of Violation (NOVs) / warning letters / citations issued	See comments			Code violation could not be

SECTION VI	STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE				
A.	В.	C.	D.	E.	F.
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments
	Fines issued	See comments	NPDES Tracker – SW Inspections		between construction and non-construction
	Year 1 ONLY: Attach the written construction site inspection program plan				
Part	Construction Site Buneff Site Operator Training				

### Construction Site Runoff — Site Operator Training

III.A.9.c

During Year 1 of the permit, develop and implement a written plan for stormwater training / outreach for construction site plan reviewers, site inspectors and site operators. Provide training for permittee personnel (employed by or under contract with the permittee) involved in the site plan review, inspection or construction of stormwater management, erosion, and sedimentation controls. Also provide training for private construction site operators. All permittee inspectors (employed by or under contract with the permittee) of construction sites shall be certified through the Florida Stormwater, Erosion and Sedimentation Control Inspector Training program, or an equivalent program approved by the Department. Refresher training shall be provided annually. Report the type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training), and the number of private construction site operators trained by the permittee.

<u>DEP Note:</u> If "0" is reported for any of these reporting items, please include in Column F an explanation of why training was not provided to / obtained by the permittee's staff and private construction site operators during the applicable reporting year.

<u>DEP Note:</u> The permittee should report only the number of staff and private construction site operators trained / certified during the applicable reporting year, and then

note in Column F the number of staff who were previously trained / certified. Private site operator training can include pre-construction meetings.

	Certification Training	Initial Training (non- certification)	Refresher Training			
Permittee construction site inspectors	2	14	0			The environmental
Permittee construction site plan reviewers	2	0	0	Attendance List	Environment and Sustainability Department	department now reviews any construction plans that have the ability to disturb sediment and requires sediment and erosion control notes on each plan.
Permittee construction site operators	0	0	0			The City did not provide a training
Private construction site operators	0	0				program for contractors this reporting year. In future years, we will be looking to train contractors

SECTION \	VII. STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY TABLE									
A.	В.	C.	D.	E.	F.					
Permit Citation/ SWMP Element	Permit Requirement/Quantifiable SWMP Activity	Number of Activities Performed	Documentation / Record	Entity Performing the Activity	Comments					
					and private construction operators at least once per year.					

Α.	Permit Citation/ SWMP Element	Proposed Changes to the Stormwater Management Program Activities Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) — REQUIRES DEP APPROVAL PRIOR TO CHANGE IF PROPOSING TO REPLACE OR DELETE AN ACTIVITY. <u>DEP Note:</u> There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.
В.	Permit Citation/ SWMP Element	Changes to the Stormwater Management Program Activities NOT Established as Specific Requirements Under Part III.A of the Permit (Including the Rationale for the Change) <u>DEP Note:</u> There may be changes deemed necessary after developing / reviewing your plans and SOPs as per Part III.A of the permit, after completing your SWMP evaluation as per Part VI.B.2 of the permit, or due to a TMDL / BMAP as per Part VIII.B of the permit.

### CHECKLIST A: ATTACHMENTS TO BE SUBMITTED WITH THE ANNUAL REPORTS

Below is a list of items required by the permit that may need to be attached to the annual report. Please check the appropriate box to indicate whether the item is attached or is not applicable for the current reporting period. Please provide the number and the title of the attachments in the blanks provided.

Attached	N/A	Rule / Permit Citation	Required Attachment	Attachment Number	Attachment Title
	$\boxtimes$	Part II.F	<b>EACH ANNUAL REPORT:</b> If program resources have decreased from the previous year, a discussion of the impacts on the implementation of the SWMP.		
		Part III.A.1	<b>EACH ANNUAL REPORT:</b> An explanation of why the minimum inspection frequency in Table II.A.1.a was not met, if applicable.		
		Part III.A.4	<b>EACH ANNUAL REPORT:</b> A list of the flood control projects that did <u>not</u> include stormwater treatment and an explanation for each of why it did not, if applicable.		
		Part III.A.7.a	<b>EACH ANNUAL REPORT:</b> A report on amendments / changes to the legal authority to control illicit discharges, connections, dumping, and spills, if applicable.		
		Part V.B.9	EACH ANNUAL REPORT: Reporting and assessment of monitoring results. [Also addressed in Section III of the Annual Report Form]	2	Provided by Miami-Dade County CMB Annual Water Quality Report
		Part VI.B.2	<b>EACH ANNUAL REPORT:</b> An evaluation of the effectiveness of the SWMP in reducing pollutant loads discharged from the MS4 that, at a minimum, must include responses to the questions listed in the permit.	1	Evaluation of the SWMP
		Part VIII.B.3.e	<b>EACH ANNUAL REPORT:</b> A status report on the implementation of the requirements in this section of the permit and on the estimated load reductions that have occurred for the pollutant(s) of concern.		
		Part VIII.B.4.f	<b>EACH ANNUAL REPORT after approval of the BPCP:</b> The status of the implementation of the Bacterial Pollution Control Plan (BPCP).		
		Part III.A.1	<b>YEAR 1:</b> An inventory of all known major outfalls and a map depicting the location of the major outfalls (hard copy or CD-ROM).		
		Part III.A.3	<b>YEAR 1:</b> If have curbs and gutters but no street sweeping program, an explanation of why no street sweeping program and the alternate BMPs used or planned.		
		Part III.A.6	YEAR 1 or YEAR 2: A copy of the adopted Florida-friendly Ordinance, if applicable.		
		Part III.A.7.c	YEAR 1: A proactive illicit discharge / connection / dumping inspection program plan.		
		Part III.A.9.b	YEAR 1: A construction site inspection program plan. [For approval by DEP]		
		Part III.A.2	<b>YEAR 2:</b> A summary report of a review of codes and regulations to reduce the stormwater impact from new development / redevelopment.		
		Part V.A.2	<b>YEAR 3:</b> Estimates of annual pollutant loadings and EMCs, and a table comparing the current calculated loadings with those from the previous two Year 3 ARs.		
		Part III.A.2	<b>YEAR 4:</b> A follow-up report on plan implementation of changes to codes and regulations to reduce the stormwater impact from new development / redevelopment.		
		Part V.A.3	YEAR 4: If the total annual pollutant loadings have not decreased over the past two permit cycles, revisions to the SWMP, as appropriate.		
	$\boxtimes$	Part V.B.3	YEAR 4: The monitoring plan (with revisions, if applicable).		
		Part VII.C	YEAR 4: An application to renew the permit.		
		Part VIII.B.3.d	YEAR 4: A TMDL Implementation Plan / Supplemental SWMP.		

## CHECKLIST B: THE REQUIRED ANNUAL REVIEWS OF WRITTEN STANDARD OPERATING PROCEDURES (SOPs) & PLANS

The permit requires annual review, and revision if needed, of written Standard Operating Procedures (SOPs) and plans (e.g., public education and outreach, training, inspections). Please indicate your review status below. If you have made revisions that need DEP approval, you must complete Section VIII.A of the annual report.

Did not complete review of existing SOP / Plan	Developed new written SOP / Plan	Reviewed & no revision needed to existing SOP / Plan	Reviewed & revised existing SOP / Plan	Permit Citation	Description of Required SOPs / Plans
		$\boxtimes$		Part III.A.1	SOP and/or schedule of inspections and maintenance activities of the structural controls and roadway stormwater collection system.
				Part III.A.2	SOP for development project review and permitting procedures and/or local codes and regulations for new development / areas of significant development.
		$\boxtimes$		Part III.A.3	SOP for the litter control program.
		$\boxtimes$		Part III.A.3	SOP for the street sweeping program.
		$\boxtimes$		Part III.A.3	SOP for inspections of equipment yards and maintenance shops that support road maintenance activities.
		$\boxtimes$		Part III.A.5	SOP for inspections of waste treatment, storage, and disposal facilities not covered by an NPDES stormwater permit.
		$\boxtimes$		Part III.A.6	Plan for public education and outreach on reducing the use of pesticides, herbicides and fertilizer.
		$\boxtimes$		Part III.A.6	SOP for reducing the use of pesticides, herbicides and fertilizer, and for the proper application, storage and mixing of these products.
		$\boxtimes$		Part III.A.7.c	Plan for proactive illicit discharge / connections / dumping inspections.*
		$\boxtimes$		Part III.A.7.c	SOP for reactive illicit discharge / connections / dumping investigations.
		$\boxtimes$		Part III.A.7.c	Plan for illicit discharge training.
		$\boxtimes$		Part III.A.7.d	SOP for spill prevention and response efforts.
		$\boxtimes$		Part III.A.7.d	Plan for spill prevention and response training.
		$\boxtimes$		Part III.A.7.e	Plan for public education and outreach on how to identify and report the illicit discharges and improper disposal to the MS4.
		$\boxtimes$		Part III.A.7.f	Plan for public education and outreach on the proper use and disposal of oils, toxics and household hazardous waste.
		$\boxtimes$		Part III.A.7.g	SOP to reduce / eliminate sanitary wastewater contamination of the MS4.
		$\boxtimes$		Part III.A.8	SOP for inspections of high risk industrial facilities.
		$\boxtimes$		Part III.A.9.a	SOP for construction site plan review for stormwater, erosion and sedimentation controls, and ERP and CGP coverage.
		$\boxtimes$		Part III.A.9.b	Plan for inspections of construction sites.*
		$\boxtimes$		Part III.A.9.c	Plan for stormwater, erosion and sedimentation BMPs training.

<sup>\*</sup> Revisions to these plans require DEP approval – please complete Section VIII.A of the annual report.

REMINDER LIS	REMINDER LIST OF THE TMDL / BMAP REPORTS TO BE SUBMITTED <u>SEPARATELY</u> FROM AN ANNUAL REPORT							
Rule / Permit Citation	Report Title	Due Date						
Part VIII.B.3.a	6 MONTHS from effective date of permit: TMDL Prioritization Report.	12/21/11						
Part VIII.B.3.b	12 MONTHS from effective date of permit: TMDL Monitoring and Assessment Plan.	6/21/12						
Part VIII.B.3.c	6 MONTHS from receiving analyses from the lab: TMDL Monitoring Report.	TBD						
Part VIII.B.4	30 MONTHS from effective date of permit: A Bacterial Pollution Control Plan (BPCP).	12/21/13						

# END OF REVISED TAILORED MS4 AR FORM CYCLE 4 PERMIT